What is claimed is:

1. A sulfonium salt of the formula (Ia)

$$Q^{5}SO_{3} \xrightarrow{Q^{1} + CH} O \xrightarrow{Q^{6}} O \xrightarrow{Q^{7}} n_{1}$$
 (Ia)

wherein Q¹ and Q² each independently represent alkyl having 1 to 6 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, or Q¹ and Q² bond to form divalent acyclic hydrocarbon having 3 to 7 carbon atoms which form a ring together with the adjacent S⁺; Q³, Q⁶ and Q⁷ each independently represent hydrogen or methyl; Q⁴ represents a group of the formula (X)

$$\left(\begin{array}{c} \downarrow \\ \downarrow \\ \downarrow \\ \downarrow \\ n \end{array}\right)_{n}^{z} (x)$$

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wherein T represents hydrogen, alkyl having 1 to 10 carbon atoms or

cycloalkyl having 3 to 10 carbon atoms, Z represents hydrogen, alkyl having 1 to 10 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, K represents a

divalent group selected from the group consisting of the following formulae

n denotes an integer of from 0 to 10, and p denotes an integer of from 0 to 3,

when n or p is 2 or more, each T may be the same or different and when n is 2 or more, each K may be the same or different;

n₁ denotes 0 or natural number; and Q⁵ represents perfluoroalkyl having 1 to 8 carbon atoms, alkyl having 1 to 8 carbon atoms or aromatic group having 6 to 12 carbon atoms which may be substituted; or camphor group;

with the proviso that when n_1 denotes 0, n denotes an integer of from 1 to 10, and when n_1 denotes 1 and n denotes 0, Z is not alkyl.

2. A polymeric compound comprising a structural unit of the formula
(Ib)

$$\begin{pmatrix}
Q^{13} & Q^{17} \\
Q^{11} & CH & O \\
Q^{15} & Q^{12} & O & Q^{16} & O
\end{pmatrix}$$
(Ib)

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wherein Q¹¹ and Q¹² each independently represent alkyl having 1 to 6 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, or Q¹¹ and Q¹² bond to form divalent acyclic hydrocarbon having 3 to 7 carbon atoms which form a ring together with the adjacent S⁺; Q⁸, Q¹³, Q¹⁶ and Q¹⁷ each independently represent hydrogen or methyl; n₁₁ denotes 0 or natural number; and Q¹⁵ represents perfluoroalkyl having 1 to 8 carbon atoms, alkyl having 1 to 8 carbon atoms or aromatic group having 6 to 12 carbon atoms which may be substituted, or camphor group.

3. A chemical amplification type positive resist composition comprising

(A) an acid generator comprising at least one compound selected from the group

consisting of a sulfonium salt of the formula (Ia)

$$Q^{5}SO_{3}^{-}$$
 Q^{2} Q^{2} Q^{2} Q^{6} Q^{6} Q^{7} Q^{4} $Q^{5}SO_{3}^{-}$ Q^{2} Q^{2} Q^{2} Q^{6} Q^{6} Q^{6} Q^{6} Q^{7}

wherein Q^1 and Q^2 each independently represent alkyl having 1 to 6 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, or Q^1 and Q^2 bond to form divalent acyclic hydrocarbon having 3 to 7 carbon atoms which form a ring together with the adjacent S^+ , Q^3 , Q^6 and Q^7 each independently represent hydrogen or methyl, Q^4 represents a group of the formula (X)

$$\left(\begin{array}{c} T \\ K \end{array}\right)_{n}^{z} \qquad (X)$$

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wherein T represents hydrogen, alkyl having 1 to 10 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, Z represents hydrogen, alkyl having 1 to 10 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, K represents a divalent group selected from the group consisting of the following formulae

n denotes an integer of from 0 to 10, and p denotes an integer of from 0 to 3, when n or p is 2 or more, each T may be the same or different and when n is 2 or more, each K may be the same or different,

n₁ denotes 0 or natural number, and Q⁵ represents perfluoroalkyl having 1 to 8 carbon atoms, alkyl having 1 to 8 carbon atoms or aromatic group having 6 to 12 carbon atoms which may be substituted; or camphor group,

with the proviso that when n_1 denotes 0, n denotes an integer of from 1 to 10, and when n_1 denotes 1 and n denotes 0, Z is not alkyl;

a polymeric compound comprising a structural unit of the formula (Ib)

$$\begin{pmatrix}
Q^{13} & Q^{17} \\
Q^{11} & CH & O \\
Q^{15} & Q^{12} & O \\
Q^{15} & Q^{12} & O \\
Q^{16} & O \\
Q^{16} & O
\end{pmatrix}$$
(Ib)

wherein Q¹¹ and Q¹² each independently represent alkyl having 1 to 6 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, or Q¹¹ and Q¹² bond to form divalent acyclic hydrocarbon having 3 to 7 carbon atoms which form a ring together with the adjacent S⁺, Q⁸, Q¹³, Q¹⁶ and Q¹⁷ each independently represent hydrogen or methyl, n₁₁ denotes 0 or natural number; Q¹⁵ represents perfluoroalkyl having 1 to 8 carbon atoms, alkyl having 1 to 8 carbon atoms or aromatic group having 6 to 12 carbon atoms which may be substituted, or camphor group; and

a sulfonium salt of the formula (Ic)

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$$Q^{23}$$
 $Q^{21} + CH S Q^{9}$
 $Q^{25}SO_3 Q^{22} O$
(1c)

wherein Q^{21} and Q^{22} each independently represent alkyl having 1 to 6 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, or Q^{21} and Q^{22} bond to form divalent acyclic hydrocarbon having 3 to 7 carbon atoms which form a ring together with the adjacent S^+ , Q^{23} represents hydrogen or methyl, Q^9 represents a group of the formula (X^1)

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wherein T₁ represents hydrogen, alkyl having 1 to 10 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, Z₁ represents hydrogen, alkyl having 1 to 10 carbon atoms or cycloalkyl having 3 to 10 carbon atoms, K₁ represents a divalent group selected from the group consisting of the following formulae

 n_{21} denotes an integer of from 0 to 10, p_1 denotes an integer of from 0 to 3, when n_{21} or p_1 is 2 or more, each T_1 may be the same or different and when n_{21} is 2 or more, each K_1 may be the same or different,

- Q²⁵ represents perfluoroalkyl having 1 to 8 carbon atoms, alkyl having 1 to 8 carbon atoms or aromatic group having 6 to 12 carbon atoms which may be substituted, or camphor group, and
 - (B) resin which contains a structural unit having an acid labile group and which itself is insoluble or poorly soluble in an alkali aqueous solution but becomes

soluble in an alkali aqueous solution by the action of an acid.

4. The composition according to Claim 3 wherein the acid generator further comprises at least one compound selected from the group consisting of triphenylsulfonium salt of the formula (IVa)

$$P^2$$
 S^+
 P^6SO_3
(IVa)

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wherein P¹, P² and P³ each independently represent hydrogen, hydroxyl, alkyl having 1 to 6 carbon atoms or alkoxy having 1 to 6 carbon atoms; and P⁶SO₃ represents organic sulfonate ion, and diphenyliodonium salt of the formula (IVb)

$$P^4$$

$$P^7SO_3$$
(IVb)

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wherein P⁴ and P⁵ each independently represent hydrogen, hydroxyl, alkyl having 1 to 6 carbon atoms or alkoxy having 1 to 6 carbon atoms; and P⁷SD₃⁻ represents organic sulfonate ion.

- 5. The composition according to Claim 3 wherein Q⁴ and Q⁹ is the ones having at least one ethylenically unsaturated bond.
 - 6. The composition according to Claim 3 wherein Q⁹ is the one of the formula (II).

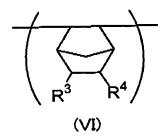
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- 7. The composition according to Claim 3 wherein the content of the structural unit having an acid labile group is 10 to 80 % by mol in the resin
- 8. The compound according to Claim 3 wherein the structural unit
 having an acid labile group is the one derived from at least one monomer
 selected from the group consisting of 2-alkyl-2-adamantyl (meth)acrylate, and
 3-hydroxy-1-adamantyl (meth)acrylate.
 - 9. The composition according to Claim 3, wherein the resin further contains, in addition to the structural unit having the acid-labile group, at least one structural unit selected from the group consisting of a structural unit derived from 3-hydroxy-1-adamantyl (meth)acrylate, a structural unit derived from 3,5-dihydroxy-1-adamantyl (meth)acrylate, a structural unit derived from (meth)acryloyloxy-γ-butyrolactone having a lactone ring optionally substituted by alkyl, a structural unit of the formula (IIIa) and a structural unit of the following formula (IIIb)

wherein R^1 and R^{21} each independently represent hydrogen, methyl or trifluoromethyl, and R^2 and R^{22} each independently represent methyl or trifluoromethyl, and n denotes an integer of from 1 to 3.

- 10. The composition according to Claim 3 wherein the resin further contains a structural unit derived from 2-norbornene and a structural unit derived from an aliphatic unsaturated dicarboxylic anhydride.
 - 11. The composition according to Claim 10 wherein the structural unit derived from 2-norbornene is a structural unit of the formula (VI)



wherein R³ and R⁴ each independently represent hydrogen, alkyl having 1 to 3 carbon atoms, hydroxyalkyl having 1 to 3 carbon atoms, carboxyl, cyano or -COOG group in which G represents alcohol residue, or R³ and R⁴ bond together to form a carboxylic anhydride residue represented by -C(=O)OC(=O)-; and the structural unit derived from the aliphatic unsaturated dicarboxylic anhydride is at least one structural unit selected from the group consisting of the formulae (VII) and (VIII).

12. The composition according to Claim 3 which further comprises basic nitrogen-containing organic compound as a quencher.